ABSTRACT OF THE DISCLOSURE

A bubble-jet type ink-jet printhead is provided. The bubble-jet type ink-jet printhead includes a substrate, a plurality of chamber walls arranged parallel to one another on the substrate for dividing a chamber into a plurality unit chambers having a predetermined height, which are ink flow areas, a bubble generating means, provided for each unit chamber, which includes two unit heaters spaced apart by a predetermined distance on the substrate, and a nozzle plate, combined above the substrate, in which a plurality of nozzles are formed, each nozzle corresponding to a region between the two unit heaters of each bubble generating means. In this case, ink is supplied from both sides of the unit chamber. The ink-jet printhead is constructed such that a unit chamber is provided for each nozzle and bubbles are generated chamber on both sides of a nozzle within the unit chamber, thereby effectively preventing a back flow of ink while facilitating adjustment of the size of ink droplet ejected through the nozzle. Furthermore, the ink-jet printhead allows for high-speed and high-pressure ink ejection with relatively low pressure compared to a conventional printhead. In particular, an ink channel having a simple structure is provided, thereby avoiding the clogging of the ink channel due to foreign materials while effectively preventing defectiveness of the printhead.